

# COSMETIC PARTICULATE GEL CARRIERS FOR TOPICALLY APPLIED ACTIVE AGENTS

Publication number: JP2001524123 (T)

Publication date: 2001-11-27

Inventor(s):

Applicant(s):

Classification:

- International:

A61K8/00; A61K8/02; A61K8/04; A61K8/11; A61K8/29;  
A61K8/33; A61K8/36; A61K8/49; A61K8/64; A61K8/65;  
A61K8/66; A61K8/73; A61P17/16; A61Q1/00; A61Q1/04;  
A61Q1/10; A61Q1/12; A61Q17/04; A61Q19/00; A61K8/00;  
A61K8/02; A61K8/04; A61K8/11; A61K8/19; A61K8/30;  
A61K8/72; A61P17/00; A61Q1/00; A61Q1/02; A61Q1/12;  
A61Q17/04; A61Q19/00; (IPC1-7): A61K7/00; A61K7/42;  
A61K7/48; A61P17/16

- European:

A61K8/04A; A61K8/04H; A61K8/73; A61K8/73R; A61Q17/04;  
A61Q19/00

Application number: JP19980547877T 19980501

Priority number(s): WO1998IB00977 19980501; US19970850167 19970502

Also published as:

JP3972372 (B2)

WO9850000 (A2)

WO9850000 (A3)

US5961990 (A)

US6319507 (B1)

more >>

Abstract not available for JP 2001524123 (T)

Abstract of corresponding document: WO 9850000 (A2)

Crushable gel beads (10) formed of an agar complex provide novel cosmetic, pharmaceutical, etc. delivery vehicles for topical delivery of biologically or cosmetically active agents. Preferred agar beads (10) are complexes of a continuous phase of agar gel (12) in a self-supporting solid or semi-solid form with a restraining polymer (14). Entrapped in and dispersed randomly throughout each agar bead (10) is a water-soluble, preferably polar, restraining polymer (14), preferably a quaternized cationic polymer, such as polyquaternium (24) or steardimonium hydroxyethylcellulose. Various active agents (16) may be bound to restraining polymer (14), for example ascorbic acid, lactic acid or papain. Methods of manufacture are also described.

Data supplied from the *espacenet* database — Worldwide